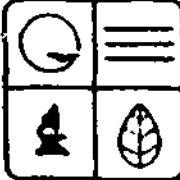


CS-WM



3.600 St. Louis County
West Lake, SLF

June 5, 1985

Site: West Lake LDF
ID: M85079900932
Break: 1.2
Other: 00 2
6-5-85

Mr. William J. McCullough, President
West Lake Landfill, Inc.
13570 St. Charles Rock Road
Bridgeton, MO 63044

MISSOURI DEPARTMENT OF NATURAL RESOURCES

8460 Watson Road St. Louis, Missouri 63119 (314) 849-1313

Dear Mr. McCullough:

An inspection of the condition and operation of the West Lake Inc. Sanitary Landfill was conducted on May 30, 1985. The recommendations contained in this report are based on the findings made at the time of inspection. Please direct your attention to these findings and carry out the presented recommendations.

FINDINGS:

1. Waste is being incorporated into the final lift.
2. The leachate collection/treatment system is still not in operation.

DISCUSSION:

Solid waste is currently being incorporated into the final elevation lift at the western section of the landfill. During the inspection low areas of the final lift at the eastern section of the landfill were being filled with refuse. Spreading and compaction of the waste was being achieved and an adequate stockpile of cover soil was available. A small section of land in the current permitted area just north of the western slope will be utilized to add another two (2) months to the life of the landfill.

The leachate pumping unit is still not in operation. When the final lift is complete, a permanent system will be installed and pumping from the collection well will resume. The number 1 polishing cell at the mechanical treatment plant has been repaired and a liner is to be installed within a week.

Leachate collected in the quarry pit continues to be maintained separate from uncontaminated surface water. The spring flow into the proposed expansion pit has been stopped and the accumulated water is being pumped out.

RECOMMENDATIONS:

1. Continue good landfilling practices.

John D. Ashcroft Governor
Frederick A. Brunner Director



SUPERFUND RECORDS

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JUN 11 1985

DNR 0072

WASTE MANAGEMENT
SECTION

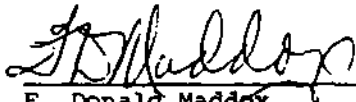
3.600 St. Louis County
West Lake SLF
June 5, 1985
Page 2

2. Resume pumping leachate from the collection well as soon as possible.

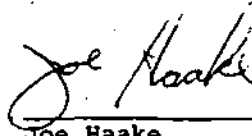
Should you have any questions concerning this inspection report, please contact the St. Louis Regional Office.

APPROVED BY:

PREPARED BY:



F. Donald Maddox
Regional Administrator
St. Louis Regional Office



Joe Haake
Environmental Specialist
St. Louis Regional Office

JH/FDM/dl

Enclosure

CC: Vernon Fehr, Operator, West Lake SLF
City of Bridgeton
Central Office - Waste Management Program
St. Louis County Health Department

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JUN 11 1985

MISSOURI DEPARTMENT OF NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL QUALITYAnnual Inspection ☐
Re-inspection ☒WASTE MANAGEMENT
DIVISION**SANITARY LANDFILL SURVEILLANCE RECORD**Date: 5-30-85 Days/Week Open: 6Name of Sanitary Landfill: WEST LAKE LANDFILL, INC.Permit No: 118909 County: ST. LOUISOwner: WEST LAKE LANDFILL, INC. Operator: VERNON FEHRAddress: RT. 1 BOX 206 Address: 13570 ST. CHARLES ROCK RDBRIDGETON 63042 BRIDGETON 63042**I. Special Conditions and Approved Modifications**

A. Are there any special conditions or approved modifications of the satisfactory compliance subsections of the rules and regulations? (e.g. impermeable barrier, limited excavation, exceptions to daily cover requirements)

X Yes No

B. Is the sanitary landfill operation in compliance with the special conditions or approved modifications? (If "No," describe violations under "REMARKS.")

X Yes No**II. Check Types of Waste Accepted**

	INDICATED ON PERMIT APPLICATION	REPORTED BY OPERATOR	AS OBSERVED
Municipal solid waste	<u>X</u>	<u>X</u>	<u>X</u>
Bulky waste	<u>X</u>	<u>X</u>	<u>X</u>
Dead animals			
Incinerator residue			
Demolition and construction waste	<u>X</u>	<u>X</u>	<u>X</u>
Brush and untreated wood waste	<u>X</u>	<u>X</u>	<u>X</u>
Septic tank pumpings			
Wastewater treatment plant sludges	<u>X</u>	<u>X</u>	
OTHER SLUDGES (SPECIFY)			
LIQUIDS (SPECIFY)			
INDUSTRIAL PROCESS WASTES (SPECIFY)			
HAZARDOUS WASTES (SPECIFY)			
OTHER WASTES (SPECIFY)			

III. Remaining Life of LandfillA. Estimated amount of solid waste coming through gate.
Compacted loads yds/wk tons/wk
Noncompacted loads yds/wk tons/wkB. Estimated volume of remaining landfill covered by approved engineering plans.
 acre feet 2 years MONTHS**INSPECTION FORM
DISTRIBUTION LIST**Owner X
Operator
City BRIDGETON
County Court
Consulting Engineer
Solid Waste Program CO-WMP
Regional Office File X
Others COUNTY HEALTH

iv. Satisfactory Compliance Subsections Regulations as to:

Check all subsections: SAT — Satisfactory; UNS — Unsatisfactory. (If necessary describe "UNS" violations under "Remarks.")

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(2) SOLID WASTE ACCEPTED			
(2)(C)2	Bulky solid waste crushed on solid ground and pushed onto working face near bottom of the cell.	X	
(2)(C)3	Small dead animals covered immediately with soil or solid waste. Large dead animals placed in pit and covered with four feet compacted soil.		+
(2)(C)4	Disposal of dewatered sludges on working face along with municipal solid waste.	N/A	
(2)(C)5	Incinerator and air pollution control residues prevented from becoming airborne.	X	
(3) SOLID WASTE EXCLUDED			
(3)(C)1	No unpermitted waste accepted.	X	
(3)(C)2	Sign posted at entrance listing excluded wastes.	X	
(4) SITE SELECTION			
(4)(C)1	Site accessible in all weather conditions. Temporary roads provided for delivery to working face.	X	
(5) WATER QUALITY			
(5)(C)1	Surface water courses and runoff properly diverted from the landfill. Sanitary landfill construction and grading to promote rapid surface water runoff without excessive erosion.	X	
(5)(C)2	Leachate collection and treatment systems utilized where necessary to protect ground and surface water resources.		X
(5)(C)3	No ground or surface water in contact with solid waste.	X	
(7) AIR QUALITY			
(7)(C)	No open burning without written permission of the proper air pollution agency and the Division.	X	
(8) GAS CONTROL			
(8)(C)	Implementing decomposition gas control plan as necessary to prevent problems.	X	
(9) VECTORS			
(9)(C)	Vector control programs implemented when necessary to prevent or rectify vector problems.	N/A	
(10) AESTHETICS			
(10)(C)1	Litter control devices utilized near working face and elsewhere as needed. Litter collected from fences, and the ground surface, and incorporated into the daily cell at the end of each day or containerized.	X	
(10)(C)2	Wastes easily moved by wind covered as necessary to prevent their becoming airborne and scattered.	X	
(10)(C)3	On-site vegetation and natural windbreaks being utilized to improve appearance and operation of the sanitary landfill.	X	

SUBSECTION NUMBER	SATISFACTORY COMPLIANCE OPERATING PROCEDURE	SAT	UNS
(10) AESTHETICS (Continued)			
(10)(C)4	Salvaged materials removed daily or stored in aesthetically acceptable containers or enclosures.	N/A	
(11) COVER MATERIAL			
(11)(C)1	Daily cover applied regardless of weather in not less than a six inch layer. Cover material available in all weather conditions.	X	
(11)(C)2	Intermediate cover applied to all areas idle for more than 60 days in a layer not less than one foot after compaction.	X	
(11)(C)3	Final cover applied on each area as completed in a layer not less than two feet after compaction.	X	
(12) COMPACTION			
(12)(C)1	Adequate equipment on-site, operated daily.	X	
(12)(C)1A	Solid waste spread in layers not to exceed two feet and confined to smallest practical area.	X	
(12)(C)1B	Wastes compacted to smallest practical volume.	X	
(12)(C)1C	Cover material compacted as much as practical.	X	
(12)(C)2	Preventive maintenance performed.	X	
(12)(C)3	Daily task operating manual provided.	X	
(13) SAFETY			
(13)(C)1	Fire extinguishers provided on oil equipment.	X	
(13)(C)2	Provisions for extinguishing fires in waste, equipment, and structures.	X	
(13)(C)3	Communication equipment available.	X	
(13)(C)4	Scavenging prohibited.	X	
(13)(C)5	Controlled access to site by established roadways and limited to hours when operating personnel are on duty.	X	
(13)(C)6	Traffic controlled and directed to designated disposing points.	X	
(13)(C)7	Site dust controlled for safety purposes and to prevent nuisances.	X	
(14) RECORDS			
(14)(C)1A	Records of major problems and complaints.		X
(14)(C)1B	Monitoring record maintained. a. leachate sampling and analyses. b. gas sampling and analyses. c. ground and surface water analyses.	X	
(14)(C)1C	Records of vector control efforts.		X
(14)(C)1D	Records of dust and litter control efforts.		X
(14)(C)1E	Records of quantity of waste handled.	X	
(14)(C)1F	Records of description, sources, and volume of special wastes listed in Subsection (3)(A).	X	

v. Operation Proceeding in Accordance with Approved Engineering Plans? (If "NO," describe violations under "Remarks.")

X Yes No

REMARKS ABOUT 2 MONTHS LEFT. UPPERING SECTION JUST NORTH OF
WESTERN SLOPE. LEACHATE PUMPING STILL DISCONTINUED UNTIL
FINAL LIFT IS COMPLETE.

(Attach additional sheets as necessary.)

BY

Joe Haake

SIGNATURE OF INVESTIGATOR